

**Title of the Invention: WATER DISPERSIBLE POLYISOCYANATE
COMPOSITION BEARING UREA AND/OR BIURET AND ITS USES**

Abstract of the Disclosure

5 [00078] The present invention relates to a water dispersible polyisocyanate composition bearing urea comprising

- (a) an aliphatic polyisocyanate or a mixture of aliphatic polyisocyanates or a mixture of aliphatic polyisocyanates with other polyisocyanates; and
- 10 (b) a reaction product of component (a) with component (c) a polyether amine or a mixture of a polyether amine and a polyether alcohol.

15 [00079] The present invention also relates to a water dispersible polyisocyanate composition bearing urea and urea derivatives which is obtained by heating the above composition bearing urea for conducting a subsequent reaction, to increase the numbers of isocyanate functional groups contained in said composition, wherein the urea derivatives include biuret, triuret and tetrauret, and most of them are biuret.

20 [00080] The present invention further relates to a water dispersible polyisocyanate composition bearing biuret which is obtained by heating the above composition bearing urea for conducting a subsequent reaction, to increase the numbers of isocyanate functional groups contained in said composition.

25 [00081] The present invention another relates to an aqueous resin adhesive which contains the water dispersible polyisocyanate composition of the present invention and an aqueous resin containing active hydrogen reactive groups.